

AVENTICS Series SA1 Industrial shock absorbers

The AVENTICS Series SA1 industrial shock absorbers decelerate reliably moving masses and thereby increase process speed, production quality, the service life of production facilities and reduce operating noise.



Technical data

Industry	Industrial
Type	SA1-MC
Mounting thread	M14x1,5
Stroke	14 mm
Max. energy absorption/stroke	30 Nm
Max. energy absorption/hour	50000 Nm
Cushioning	self-compensating
Medium	Oil
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Effective mass m_e min.	3.5 kg
Effective mass m_e max.	17 kg
Min. return spring force	13 N
Max. return spring force	23 N
Mounting	Clamping flange
Weight	0.07 kg

Material

Material cylinder tube	Steel, chrome-plated
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Industrial shock absorber, Series SA1-MC

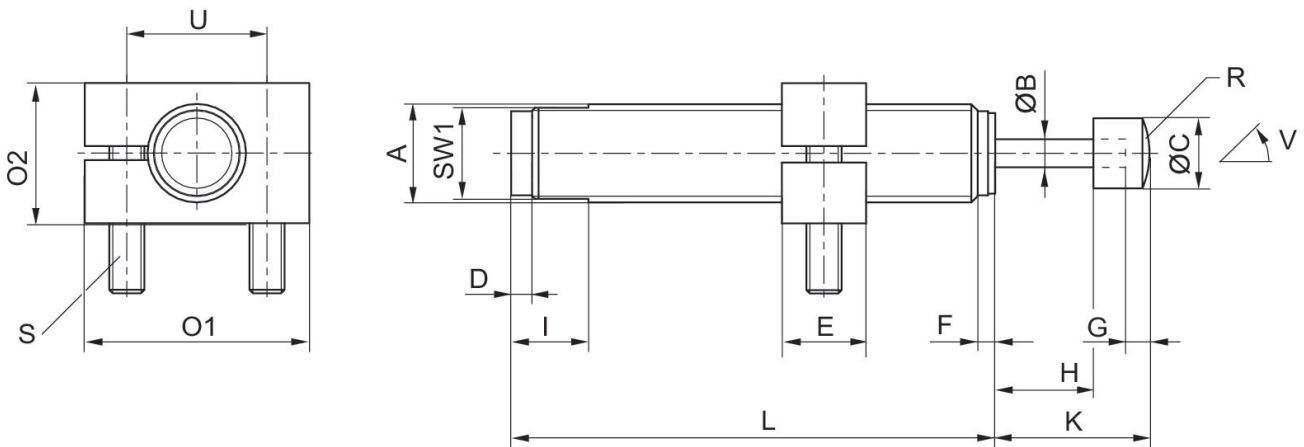
Series SA1

R412010313

2024-01-10

Surface cylinder tube	salt bath nitrocarburized
Material piston rod	Stainless Steel
Surface piston rod	ground and hardened
Material stop	Polyoxymethylene
Material clamping flange	Steel, chrome-plated
Surface clamping flange	salt bath nitrocarburized
Scraper material	Polyurethane
Part No.	R412010313

Dimensions



A = mounting thread
V = tilt

Part No.	Type	Mounting thread	ØB	ØC	D	E	F	G	H
R412010313	SA1-MC	M14x1,5	4	10	3	12	2.5	3.5	14
R412010314	SA1-MC	M14x1,5	4	10	3	12	2.5	3.5	14
R412010315	SA1-MC	M14x1,5	4	10	3	12	2.5	3.5	14

Part No.	I	K	L	O1	O2	R	S	SW1	U
R412010313	11	22	69	32	20	13	M5x25	13	20
R412010314	11	22	69	32	20	13	M5x25	13	20
R412010315	11	22	69	32	20	13	M2x25	13	20

Part No.	W [°]
R412010313	4
R412010314	4
R412010315	4